

fork + socket –server fails

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While debugging a problem with tclhttpd on Fedora Core 5, I noticed the following changed behavior.

If I use [fork] from either Expect or Tclx in combination with [socket –server], the socket does not accept connections. This works fine on Fedora Core 4.

Here is the sample script that I am using. On FC–4 I can telnet to port 8015 and the script prints out the expected "Accepted connection:" message. On FC–5, nothing is printed. Turning off selinux and the firewall do not fix the problem.

```
#!/usr/bin/tclsh

package require Expect

set port 8015

if {[fork]} {exit}

set serverSocket [socket –server myAccept $port]
puts "$serverSocket listening on port $port"

proc myAccept {args} {
  puts "Accepted connection: $args"
}

vwait forever
```

FC–4 uses tcl–8.4.9 and expect–5.43.0. FC–5 uses tcl–8.4.12 and expect–5.43.0. Has something changed between 8.4.9 and 8.4.12 that might cause this, or is it more likely something changed in Fedora Core that is causing the problem?

--Wart

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